

# A TRAY-OUT CONTROL METHOD FOR MOVING OUT A LOADING TRAY OF AN OPTICAL DRIVE

## Abstract

The present invention discloses a tray-out control method for moving out a loading tray of an optical drive. A first forcing function is applied to the loading tray to overcome a lesser magnetic attraction when an optical disk is placed on the loading tray. A second forcing function is applied to the loading tray to overcome a greater magnetic attraction when the optical disk is not placed on the loading tray. A maximum value of the second forcing function is larger than a maximum value of the first forcing function.